

Title (en)

Centrifugal machine with central feed of the kind utilizable particularly on the alimentary field for obtaining fruit or vegetables juices.

Title (de)

Zentrifuge mit zentralem Einfüllkanal, insbesondere zur Saftgewinnung aus Früchten und Gemüsen.

Title (fr)

Centrifugeuse à alimentation centrale, en particulier pour aliments, pour l'extraction de jus de fruits et de légumes.

Publication

EP 0377111 A1 19900711 (EN)

Application

EP 89121857 A 19891127

Priority

IT 4577088 A 19881205

Abstract (en)

In a centrifuge for alimentary uses of the kind with central feed, the pestle (6) is provided at its end introduced in the feeding duct (2) with a plurality of small projected elements (71), adequately sharpened, adapted to engage the material to be treated as well as with a longitudinal groove (64) on the surface of the cylindric part (61) penetrating into said feeding duct (2), in which groove a pin (22) engages, which pin is connected inside the feeding duct (2) and co-operates with said groove (64) for permitting the longitudinal sliding of the pestle (6) in the feeding duct (2), however while preventing any entrainment in rotation thereof produced by the material being worked, which is entrained in rotation by the rotating grater (32) and delimitating the penetration of the pestle (6) by stopping it when its introduced end arrives near said grater (32). Moreover, a centrally projected part (421) is provided on the head of the screw (4) for fixing the grater (32), which part is provided with cutting sides permitting an effective crumbling of the material also at the central part of the grater (32). Obviously, at the centre of the introduced end the pestle (6) is provided with a cavity (63) adapted to permit the penetration of the projected part (421) therein, being adequately spaced therefrom.

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IPC 8 full level

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CPC (source: EP)

A47J 19/027 (2013.01)

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- [Y] DE 1080276 B 19600421 - JURA ELEKTROAPP FABRIKEN L HEN
- [Y] CH 377495 A 19640515 - JURA ELEKTROAPPARATE FAB [CH]
- [A] CH 375114 A 19640215 - JURA ELEKTROAPPARATE FAB [CH]
- [A] GB 192291 A 19230201 - CONRAD VAUGHAN TRELEAVEN
- [A] FR 786839 A 19350910

Cited by

EP0684000A1; US5479851A; GB2383742A; GB2383742B; CN103813741A

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